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## SECTION 2. FORMS PTO/SB/08A and 08B (formerly Form PTO-1449)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Guan et al. Attorney Docket: NEB-236-PUS

Serial No: Not-yet-assigned Art Group Unit: Not-yet-assigned 1652

Date Filed: Herewith Examiner Name: Not-yet-assigned Delia M. Ramirez

Invention: Modified DNA Cleaving Enzymes and Methods of Use (as amended)

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE STATEMENT

U.S. PATENT DOCUMENTS					
Examiner Initials	Reference Number	Document Number	Issue / Pub. Date	Inventor	Class/Subclass

FOREIGN PATENT DOCUMENTS					
Examiner Initials	Reference Number	Document Number	Issue / Pub. Date	Applicant	Class/Subclass

OTHER DOCUMENTS				
Examiner Initials	Reference Number	Author	Title of Article, Title of Journal, Volume Number, Page Numbers, Date	
DR	CA	Aravind, et al.	"Holliday junction resolvases and related nucleases: identification of new families, phletic distribution and evolutionary trajectories," <i>Nucleic Acids Research</i> 28(18): 3417-3432 (2000)	
	CB	Déclais, et al.	"The complex between a four-way DNA junction and T7 endonuclease I," <i>EMBO J.</i> 22:1398-1409 (2003)	
	CC	Duckett, et al.	"Binding of the Junction-resolving Enzyme Bacteriophage T7 Endonuclease I to DNA: Separation of Binding and Catalysis by Mutation," <i>J. Mol. Biol.</i> 246:95-107 (1995)	
DR	CD	Geer, et al.	"CDART: Protein Homology by Domain Architecture," <i>Genome Research</i> 12:1619-1623 (2002)	

OTHER DOCUMENTS (Continued)			
Examiner Initials	Reference Number	Author	Title of Article, Title of Journal, Volume Number, Page Numbers, Date
DR	CE	Guan, et al.	"Changing the Enzymatic Activity of T7 Endonuclease by Mutations at the $\beta$ -Bridge Site: Alteration of Substrate Specificity Profile and Metal Ion Requirements by Mutation Distant from the Catalytic Domain," <i>Biochemistry</i> 43:4313-4322 (2004)
	CF	Guan, et al.	"Activation of Glycosylasparaginase," <i>J. Biol. Chem.</i> 19:1732-1737 (1996)
	CG	Hadden et al.	"Crystal structure of the Holliday junction resolving enzyme T7 endonuclease I," <i>Nature Structural Biology</i> 8(1): 62-67 (2001)
	CH	Lilley, D.M.J.	"All change at Holliday junction," <i>PNAS</i> 94, 9513-9515 (1997)
	CI	Mashal, et al.	"Detection of mutations by cleavage of DNA heteroduplexes with bacteriophage resolvases," <i>Nat. Genet.</i> 9:177-183 (1995)
DR	CJ	Parkinson, et al.	"The Junction-resolving Enzyme T7 Endonuclease I: Quaternary Structure and Interaction with DNA," <i>J. Mol. Biol.</i> 270:169-178 (1997)
	CK	White, et al.	"Recognition and Manipulation of Branched DNA Structure by Junction-resolving Enzymes," <i>J. Mol. Biol.</i> 269:647-664 (1997)

Examiner Signature: /Delia M. Ramirez/

Date Considered: 2/1/2009

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if *not* in conformance and not considered. Include copy of this form with next communication to applicant.